Map Symbol	Map Unit Name	Nontechnical Descriptions
Ad	ALLEMANDS MUCK, DRAINED	This poorly drained, organic soil is in former freshwater marshes that have been drained and are protected from most flooding. The soil has a thick surface layer of muck and a fluid clayey underlying material. It is subject to rare flooding. A water table is near the surface during wet periods. Permeability is rapid in the organic material and very slow in the clayey underlying material. The subsidence potential and shrink-swell potential are high.
Bs	BUSSY SILT LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces or uplands. It is loamy throughout and has a fragipan in the subsoil which restricts plant roots. Natural fertility is low or moderately low. Runoff is medium. Water and air move through the upper part of the subsoil at a moderate rate, and they move slowly or moderately slowly through the fragipan. A seasonal high water table perches on the fragipan for short periods. In places, the soil is moderately eroded.
Db	DEBUTE SILT LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces or uplands. It is loamy throughout and has a fragipan in the subsoil which restricts plant roots. Natural fertility is low or moderately low. Runoff is medium. Water and air move through the upper part of the subsoil at a moderate rate, and they move slowly or moderately slowly through the fragipan. A seasonal high water table perches on the fragipan for short periods. In places, the soil is moderately eroded.
De	DEBUTE SILT LOAM, 3 TO 8 PERCENT SLOPES	This gently sloping or moderately sloping, moderately well drained soil is on the terrace uplands. It is loamy throughout, and it has a fragipan in the subsoil. The fragipan restricts root penetration and the movement of air and water. Natural fertility is low to medium. Runoff is medium. A seasonal high water table is perched on the fragipan during the winter and spring. The shrink-swell potential is low.
Dx	DEXTER SILT LOAM, 3 TO 5 PERCENT SLOPES	This very gently sloping or gently sloping, well drained soil is on long, narrow, and convex ridges. It is loamy throughout and has medium fertility. Runoff is medium. Water and air move at a moderate rate through the soil. The shrink-swell potential is low. The seasonal high water table is below a depth of 6 feet.
Fo	FORESTDALE SILTY CLAY LOAM	This nearly level, poorly drained soil is on the alluvial plain. It has a loamy surface layer and a clayey subsoil. Natural fertility is low to medium. Runoff is slow or very slow. Water and air move very slowly through the subsoil. A seasonal high water table is about 0.5 to 2 feet below the surface during December through April. The shrink-swell potential is high in the subsoil. Slopes are less than 1 percent.
Fr	FRIZZELL SILT LOAM	This level or nearly level, somewhat poorly drained soil is on terraces. It is loamy throughout. Natural fertility is low. Permeability is slow. The soil has a seasonal high water table in winter and spring.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Ga	GALLION SILT LOAM	This well drained, level or nearly level soil is on older natural levees on the flood plain of streams. It is loamy throughout and has high or moderately high natural fertility. Runoff is slow or medium. Water and air move through the subsoil at a moderate rate. Adequate water is available to plants in most years.The seasonal high water table is generally more than 6 feet below the surface, but in low places, it can rise to within 4 to 6 feet of the soil surface.
Gb	GALLION SILTY CLAY LOAM	This well drained, level soil is on older natural levees on flood plains. It formed in alluvium deposited by the Red River. The soil is loamy throughout and has high natural fertility. Runoff is slow. In places, water collects in low spots for short periods after rains. Water and air move through the subsoil at a moderate rate. Adequate water is available to plants in most years.
Gm	GROOM VERY FINE SANDY LOAM	This soil is level and poorly drained. It is subject to rare flooding. The soil is on broad flats and in slightly depressional areas on terraces. Typically, the soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or moderately slow. Water runs off the surface at a slow rate and stands in low places for short to long periods after rains. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is low or moderate.
Go	GROOM VERY FINE SANDY LOAM, OCCASIONALLY FLOODED	This level, poorly drained soil is in depressional areas. It is occasionally flooded, ponded, or otherwise saturated for long periods in winter and spring. The soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or very slow. Runoff is very slow to ponded. The shrink-swell potential is low.
Gp	GROOM-MOLLICY COMPLEX	This complex consists of poorly drained Groom soils and somewhat poorly drained Mollicy soils. The soils are on low stream terraces. They are subject to rare flooding. The Groom soil is in level areas, and the Mollicy soil is on low knolls and ridges. Both soils are loamy throughout. Natural fertility is low. Permeability is moderately slow. The soils have a seasonal high water table in winter and spring.
Gs	GROOM-MOLLICY COMPLEX, OCCASIONALLY FLOODED	This complex consists of poorly drained Groom soils and somewhat poorly drained Mollicy soils. The soils are on low stream terraces. They are subject to occasional flooding. The Groom soil is in level areas, and the Mollicy soil is on low ridges and knolls. Both soils are loamy throughout. Natural fertility is low. Permeability is moderately slow. The soils have a seasonal high water table in winter and spring.
Gu	GUYTON SILT LOAM	This soil is level and poorly drained. It is subject to rare flooding. The soil is on broad flats and in slightly depressional areas on terraces. Typically, the soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or moderately slow. Water runs off the surface at a slow rate and stands in low places for short to long periods after rains. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is low or moderate.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Gy	GUYTON-CASCILLA COMPLEX, FREQUENTLY FLOODED	These nearly level, poorly drained and well drained soils are on narrow flood plains. Flooding occurs frequently, generally in winter and spring and early in summer. The Guyton soil is poorly drained and is in low positions. It makes up most of the acreage. The Cascilla soil is well drained. It is on low ridges. The Guyton soil is grayish and loamy throughout. The Cascilla soil is loamy throughout and has a brownish subsoil. Natural fertility is low in both soils. The Guyton soil has a seasonal high water table that is near the surface for long periods. The shrink-swell potential is low in both soils.
HY	HEBERT AND PERRY SOILS, FREQUENTLY FLOODED	This map unit consists of somewhat poorly drained Hebert soils and poorly drained Perry soils on flood plains. These soils are subject to frequent flooding. The Hebert soils are on long narrow ridges, and the Perry soils are in low areas. The Hebert soils are loamy throughout, and the Perry soils are clayey throughout. Natural fertility is medium, Permeability is moderately slow or very slow. The Perry soils have a very high shrink-swell potential. Both soils have a seasonal high water table in winter and spring.
Ha	HAGGERTY LOAMY FINE SAND	This level, somewhat poorly drained soil is in areas along the edge of the flood plain of the Ouachita River that are former beaches of relict lakes. The soil is subject to rare flooding. It has a sandy surface layer and a loamy subsoil. Natural fertility is low. Permeability is moderately rapid. The soil has a seasonal high water table in winter and spring.
He	HAGGERTY SILTY CLAY	This level, somewhat poorly drained soil is in areas that are former beaches of relic lakes. It is subject to rare flooding. The soil has a clayey surface layer and a loamy and sandy subsoil. Natural fertility is low. Permeability is moderately rapid in the subsoil. The soil has a seasonal high water table in winter and spring.
Hg	HAGGERTY LOAMY FINE SAND, FREQUENTLY FLOODED	This level, somewhat poorly drained soil is in areas of a flood plain that are former beaches of relict lakes. It is subject to frequent flooding. The soil has a sandy or loamy surface layer and a loamy and sandy subsoil. Natural fertility is low. Permeability is moderately rapid. The soil has a seasonal high water table in winter and spring.
Hh	HAGGERTY SILTY CLAY, FREQUENTLY FLOODED	This level, somewhat poorly drained soil is in areas that are former beaches of relic lakes. It is subject to frequent flooding. The soil has a clayey or loamy surface layer and a loamy and sandy subsoil. Natural fertility is low. Permeability is moderately rapid in the subsoil. The soil has a seasonal high water table in winter and spring.
Hr	HEBERT SILT LOAM	This level, somewhat poorly drained soil is in high positions on natural levees of streams and former streams. The soil has a silt loam surface layer and a silty clay loam subsoil. It has medium to high natural fertility. Water runs slowly off the surface, and it moves through the soil at a moderately slow rate. A seasonal high water table is in the soil for long periods in winter and spring. The shrink-swell potential is moderate in the subsoil.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Ht	HEBERT SILTY CLAY LOAM	This level, somewhat poorly drained soil is on the natural levees of streams on the alluvial plain. The soil has a silty clay loam surface layer and subsoil. Runoff is slow, and water stands in low places for short periods after rains. Permeability is moderately slow. Natural fertility is medium. A seasonal high water table is in the soil for long periods in winter and spring. The shrink-swell potential is moderate in the subsoil.
Id	IDEE-FORESTDALE COMPLEX	This complex consists of somewhat poorly drained Idee soils and poorly drained Forestdale soils on flood plains. The Idee soil is loamy throughout. Permeability is moderately slow. The Forestdale soil has a loamy surface layer and a clayey and loamy subsoil. Permeability is very slow. Natural fertility is medium in both soils. The Forestdale soil is subject to rare flooding. It has a high shrink-swell potential in the subsoil.
Ie	IDEE-GOODWILL COMPLEX	This complex consists of somewhat poorly drained Idee soils and well drained Goodwill soils on the alluvial plain. The Idee soil is in level areas and on low ridges. The Goodwill soil is on higher ridges. Both soils are loamy throughout. Permeability is moderately slow or moderate. Natural fertility is medium. The Idee soil has a seasonal high water table in winter and spring.
La	LAFE SILT LOAM	This nearly level, somewhat poorly drained soil is on the terrace uplands. It is loamy throughout and has a high or moderately high concentration of sodium salts in the subsoil. This soil is low or medium in fertility. Surface runoff is slow. Water and air move slowly through the subsoil. A seasonal high water table is present in the soil for long periods in winter and spring. However, the soil is droughty in summer and fall. The shrink-swell potential is moderate in the subsoil. Slopes are less than 1 percent.
Lb	LIBUSE SILT LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces or uplands. It is loamy throughout and has a fragipan in the subsoil which restricts plant roots. Natural fertility is low or moderately low. Runoff is medium. Water and air move through the upper part of the subsoil at a moderate rate, and they move slowly or moderately slowly through the fragipan. A seasonal high water table perches on the fragipan for short periods. In places, the soil is moderately eroded.
Le	LIBUSE SILT LOAM, 3 TO 5 PERCENT SLOPES	This gently sloping or moderately sloping, moderately well drained soil is on the terrace uplands. It is loamy throughout, and it has a fragipan in the subsoil. The fragipan restricts root penetration and the movement of air and water. Natural fertility is low to medium. Runoff is medium. A seasonal high water table is perched on the fragipan during the winter and spring. The shrink-swell potential is low.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Lo	LITRO CLAY	This level, poorly drained soil is in backswamps on flood plains. Levees protect it from most flooding; however, it is subject to rare flooding. The soil is clayey throughout. Permeability is very slow. Natural fertility is low. The soil has a high shrink-swell potential. A seasonal high water table is near the surface for long periods in winter and spring.
Lt	LITRO CLAY, FREQUENTLY FLOODED	This level, poorly drained soil is in backswamps on flood plains. It is subject to frequent flooding. The soil is clayey throughout. Permeability is very slow. Natural fertility is low. The soil has a high shrink-swell potential. A seasonal high water table is near the surface for long periods in winter and spring.
Me	MER ROUGE SILT LOAM	This level, moderately well drained soil is on alluvial plains. It is loamy throughout. Natural fertility is high. Permeability is moderately slow. The soil has a seasonal high water table in winter and spring.
Mo	MER ROUGE SILTY CLAY LOAM	This level, moderately well drained soil is on alluvial plains. It is loamy throughout. Natural fertility is high. Permeability is moderately slow. The soil has a seasonal high water table in winter and spring.
Mr	MER ROUGE-GALLION COMPLEX	This complex consists of moderately well drained MerRouge soils and well drained Gallion soils on alluvial plains. The MerRouge soil is in level areas, and the Gallion soil is on low ridges and mounds. Both soils are loamy throughout. Natural fertility is high. Permeability is moderately slow or moderate. The MerRouge soil has a seasonal high water table in winter and spring.
Pc	PERRY CLAY, 0 TO 1 PERCENT SLOPES	This nearly level, poorly drained, clayey soil is on the alluvial plain along the Boeuf River. It is clayey throughout the profile. Natural fertility is moderately low. Surface runoff is slow to very slow. Water and air move very slowly through the soil. A seasonal high water table ranges from near the surface to 2 feet below the surface during December through April. The shrink-swell potential is very high. Deep cracks form when the soil is dry and close when it is wet. Slopes are less than 1 percent.
Pe	PERRY CLAY, GENTLY UNDULATING	This somewhat poorly drained, clayey soil is on short irregular slopes in a ridge-and-swale topography on the flood plain. The soil is clayey throughout. Natural fertility is medium or high. Runoff is medium on the ridges. Water accumulates for short periods in the swales after rains. A seasonal high water table is near the surface in winter and spring. This soil has a very high shrink-swell potential.
Pg	PERRY CLAY, OCCASIONALLY FLOODED	This level, poorly drained, clayey soil is on alluvial plains. It is subject to occasional flooding. The soil is clayey throughout. It has a seasonal high water table that is near the soil surface for long periods in winter and spring. Permeability is very slow. Natural fertility is medium or high. The shrink-swell potential is very high.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Pn	PORTLAND SILT LOAM	This level or nearly level, poorly drained soil is on flood plains. The surface layer is loamy and the subsoil is clayey. Cracks form during dry periods, and they seal over during wet periods. Natural fertility is high. Runoff is slow. A seasonal high water table is within 2 feet of the soil surface during December to April. Flooding is rare. The soil dries slowly once wetted. The shrink-swell potential is high or very high in the subsoil. Slopes are less than 1 percent.
Po	PORTLAND CLAY	This nearly level, poorly drained, clayey soil is on the alluvial plain along the Boeuf River. It is clayey throughout the profile. Natural fertility is moderately low. Surface runoff is slow to very slow. Water and air move very slowly through the soil. A seasonal high water table ranges from near the surface to 2 feet below the surface during December through April. The shrink-swell potential is very high. Deep cracks form when the soil is dry and close when it is wet. Slopes are less than 1 percent.
Ra	RILLA SILT LOAM, 0 TO 1 PERCENT SLOPES	This well drained, level or nearly level soil is on older natural levees on the flood plain of streams. It is loamy throughout and has high or moderately high natural fertility. Runoff is slow or medium. Water and air move through the subsoil at a moderate rate. Adequate water is available to plants in most years.The seasonal high water table is generally more than 6 feet below the surface, but in low places, it can rise to within 4 to 6 feet of the soil surface.
Rb	RILLA SILT LOAM, 1 TO 3 PERCENT SLOPES	This very gently sloping, well drained soil is on natural levees on alluvial plains. It is loamy throughout the profile. Natural fertility is medium. Permeability is moderate. Surface runoff is slow.
Se	STERLINGTON SILT LOAM, 0 TO 1 PERCENT SLOPES	This well drained, level or nearly level soil is on older natural levees on the flood plain of streams. It is loamy throughout and has high or moderately high natural fertility. Runoff is slow or medium. Water and air move through the subsoil at a moderate rate. Adequate water is available to plants in most years.The seasonal high water table is generally more than 6 feet below the surface, but in low places, it can rise to within 4 to 6 feet of the soil surface.
Sr	STERLINGTON SILT LOAM, 1 TO 3 PERCENT SLOPES	This very gently sloping, well drained soil is on natural levees on alluvial plains. It is loamy throughout the profile. Natural fertility is medium. Permeability is moderate. Surface runoff is slow.
St	STERLINGTON-HEBERT COMPLEX, GENTLY UNDULATING	This complex consists of well drained soils on low parallel ridges and somewhat poorly drained soils in swales on alluvial plains. Both soils are loamy throughout. Natural fertility is medium. Permeability is moderate in the well drained soil and moderately slow in the somewhat poorly drained soil. The somewhat poorly drained soil has a seasonal high water table in winter and spring.
To	TILLOU SILT LOAM	This level or nearly level, somewhat poorly drained soil is on terraces. It is loamy throughout. Natural fertility is low. Permeability is slow. The soil has a seasonal high water table in winter and spring.

Map Symbol	Map Unit Name	Nontechnical Descriptions
UB	UDALFS-BUSSY ASSOCIATION, 5 TO 30 PERCENT SLOPES	This map unit consists of moderately sloping to steep soils on escarpments between terraces and alluvial plains. The Udalfs are on mid and lower side slopes. The Bussy soil is on ridges and upper parts of the escarpment. Udalfs vary in texture and drainage. The Bussy soil is loamy throughout. It has a fragipan in the subsoil. Natural fertility is low. Surface runoff ranges from medium to very rapid.
Wr	WRIGHTSVILLE SILT LOAM	This poorly drained, level soil is in depressional areas along drainageways on uplands. It has a loamy surface layer and a clayey subsoil. Natural fertility is low. Runoff is slow, and water moves very slowly through the soil. This soil is wet during much of winter and spring. The subsoil has a high shrink-swell potential.
Yo	YORKTOWN CLAY, FREQUENTLY FLOODED	This level, very poorly drained soil is in low backswamps on flood plains. It is ponded or frequently flooded most of the time. The soil is clayey throughout. Natural fertility is high. Permeability is very slow. The soil has a very high shrink-swell potential.